SONY
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HDR-CX150

High Definition **Flash Memory** Handycam® Camcorder

Capture stunning 1920 x 1080 Full HD video[2] and 3.1 Megapixel images with the ultra-compact HDR-CX150, which features an "Exmor R" CMOS sensor for superior low-light performance, 16GB[1] of embedded flash memory, and a Carl Zeiss® Vario-Tessar® 25x optical zoom lens to help bring you closer to the action.

Full HD Recording with 60p playback

Record amazing HD video at full 1920x1080 resolution and enjoy 60p playback via HDMI™ cable and compatible HDTV. Additionally, you can record your video at 24 Mbps, the highest possible bit-rate for AVCHD, and enjoy near Blu-ray Disc™ quality video reproduction.[2]

1/4" "Exmor R" CMOS Sensor

Delivers bright, vivid, spectacularly detailed video footage, as well as 3 Megapixel still images. Additionally, it provides stunning low-light sensitivity with improved image clarity and drastically reduced grain whether you're in video or still photo mode.

Carl Zeiss® Vario-Tessar® lens

Features precision-ground optics to help achieve the level of sharpness and contrast usually found only in larger lenses, plus SteadyShot® image stabilization with Active Mode to help reduce blur caused by camera shake.

Face Detection Technology w/ Face Priority

With Face Priority, your camcorder optimizes focus, color, exposure, and Smile Shutter™ technology for the face you prioritize. Just touch the preferred face on the LCD display and the camcorder will not only prioritize it for you, but will remember your prioritized face until the camera is turned off.

Quick Autofocus

An improved autofocus (AF) system now lets you take crisp images even faster. In fact, this new Quick AF feature focuses twice as fast when compared to previous Sony camcorder models.

Direct Copy to External HDD

Lets you copy videos from your camcorder directly to an external hard disk drive (sold separately)[13], all without a computer. Your camcorder can also access videos stored on the external hard drive for playback on your HDTV[4], allowing you to utilize the camcorder's handy playback features.

Highlight Playback with Highlight Scenario playback

Automatically creates short movies—complete with music and transitions—by identifying and compiling key scenes. You can then save up to eight of these movies for later playback.

Intelligent Auto Mode

Analyzes your shot and then automatically selects the appropriate settings from 9 distinct scene modes: Landscape, Backlight, Twilight, Spotlight, Low light, Macro, Portrait, Baby, Tripod. Lets you get extra creative with 60 possible scene combinations.

2.7" Clear Photo™ LCD (230 K) display[3]

Provides excellent viewing clarity with improved resolution (230K pixels). The display rotates up to 270 degrees for multiple viewing angles, as well as provides sharp, detailed images for monitoring or playback. The convenient touch panel allows easy access to menus and additional functionality such as spot focus and spot metering.

Additional Features:

- Power On by LCD
- Sony® PMB (Picture Motion Browser) software[9]

Specifications

IMAGER	
Imaging Device	1/4" "Exmor R" CMOS Sensor with ClearVid™ array
Processor	BIONZ® image processor
Imager Pixel Gross Size	4200K
VIDEO	
Video Actual 16:9	1350K pixels
Video Actual 4:3	1010K pixels
Video Resolution (Movie Quality)	HD: 1920x1080, 1440x1080; SD: 720 x 480
Video Signal System	HD: HDTV 1080/60i; SD: NTSC color
Video Format(s) Supported	HD: AVCHD[2]; MPEG-2
STILL PICTURE	
Still Actual 16:9	1180K
Still Actual 4:3	1570K
Still Picture Resolution	3.1 MP
Dual Record Resolution	2.7 MP
AUDIO	
Audio Recording Format	Dolby® Digital 2ch stereo
Microphone	Built-in Zoom Microphone
MEDIA TYPE	
Recording Media	Memory Stick PRO Duo™ Media (Sold Separately); SD/SDHC Media[20]
Internal Memory	16GB[1]
RECORDING CAPACITY	
Rec. / Playback with Internal Memory	When using 2ch: High Definition: FX = up to 85 min., High Definition: FH = up to 115 min., HQ = up to 230 min., LP = up to 395 min. Standard Definition: HQ = up to 235 min.
OPTICS AND LENS	
Lens Type	Carl Zeiss® Vario-Tessar®
35mm Equivalent 16:9	37 - 1075mm
35mm Equivalent 4:3	45 - 1325mm
Aperture	F1.8 - 3.2
Exposure Control	Yes (Touch Panel)
Filter Diameter (mm)	30mm
Focal Distance (mm)	2.5 - 62.5mm
Focus System	Full Range Auto/Manual
Progressive Shutter Mode	N/A
Shutter Speed	Scene Selection, 1/8-1/1000; STD: 1/60-1/1000; LOW LUX: 1/30-1000; Smooth Slow Rec[10], 1/240 - 1/1000
Minimum Illumination	11 lux (1/60 Shutter Speed)
Optical Zoom	25x
Digital Zoom	300x
DISPLAY	
Display	2.7" Clear Photo™ wide touch screen LCD[3]
View Finder	No
HARDWARE	
Flash	No
Memory Card Slot	Yes (Memory Stick PRO Duo media, SD/SDHC media[20])
Manual / Auto Lens Cover	Manual
S/S & Zoom Button on LCD	Yes
INPUTS & OUTPUTS	
Audio/Video Remote Terminal	Video/S Video/Audio/Component Out/Remote
Digital Audio/Video Output(s)	HDMI™
USB Port(s)	Yes (mini B/Hi-Speed)
Component Video (Y/Pb/Pr) Output(s)	A/V terminal
HDMI™ Connection Output(s)	Yes (mini)
Headphone Jack	No
Microphone Input	No
Active Interface Shoe	No
CONVENIENCE	
Face Detection	Yes
Smile Shutter™ Mode	Yes
Quick On	Yes, Power On with LCD
BRAVIA® Sync Control for HDMI (CEC)	Yes[5]

CONVENIENCE FEATURES	
Dynamic Range Optimizer	Yes
Image Stabilization	SteadyShot® / Active Mode (In Movie Position)
x.v.Color™	Yes
White Balance	Auto / Outdoor / Indoor / Onepush (Touch Panel)
Fader Effects	Yes
Scene Selection Mode(s)	Auto, Twilight, Sunrise & Sunset, Fireworks, Landscape, Portrait, Spotlight, Beach, Snow
Face Index	Yes
Film Roll Index	Yes
Photo Capture from Movie	Yes
Still Image Mode(s)	JPEG
Slide Show Mode	Yes
Easy Handycam	No
One Touch Disc Burn	Yes[12]
PhotoTV HD	Yes[8]
Multiple Language Display	Yes
Smooth Slow Record	Yes
POWER	
Power Consumption	3.0W
Supplied Battery Type	InfoLITHIUM® (NP-FV50)
Power Requirements	7.2V (battery pack); 8.4V (AC Adaptor)
DIMENSIONS	
Dimensions (Approx.)	2 x 2 1/4 x 4 1/4 inch (50 x 56 x 106mm)
Weight (Approx.)	7oz (210g)
SUPPLIED ACCESSORIES	
AC Adaptor	AC-L200C/AC-L200D
Rechargeable Battery Pack	InfoLITHIUM® (NP-FV50)
Remote Commander® control unit	No
Clock Lithium (Installed)	Yes
Component Video Cable	Yes
Composite Video Cable	Yes
USB Cable	Yes
Application Software (CD-ROM)	PMB Ver.5.0[9]
SUGGESTED ACCESSORIES	
Rechargeable InfoLITHIUM Batteries	NP-FV50/FV70/FV100
Starter Kit	ACC-FV70, ACC-FV50A, ACC-HDV7
AC Adaptor/Charger for V series batteries	AC-VQV10/BC-TRV
Lens	VCL-HGA07B, VCL-HGE08B
HDMI Cable (mini)	VMC-15MHD, VMC-30MHD
Tripod	VCT-80AV, VCT-60AV, VCT-50AV, VCT-R640
GPS Unit	GPS-CS3KA

FOOTNOTES

1. 16GB equals 16 billion bytes. A portion of the total storage is used for system management and/or application files. The capacity that a user can use is approximately 15.5GB.
2. This camcorder captures high definition footage in the AVCHD format. High Definition AVCHD discs can be created using standard DVD media, the supplied software and a compatible PC. DVD media containing AVCHD footage may be played on a compatible Blu-ray Disc™ player/recorder, PC with supplied software or PLAYSTATION®3 devices. DVD media containing AVCHD footage should not be used with standard DVD based players, as the DVD player may fail to eject the media and may erase its contents without warning.
3. Viewable area measured diagonally.
4. HD viewing requires compatible HDTV and HDMI™ cable, both sold separately.
5. Requires BRAVIA Sync feature in each product, including a compatible BRAVIA® HDTV. Please refer to owner's manual to determine compatibility.
7. By using Picture Motion Browser software, supplied with certain Sony cameras and camcorders*, a PC and a broadband Internet connection, your photos can be shown on an online map service. The online map service is currently provided courtesy of Google, and is subject to change or termination without notice.
9. Require sMicrosoft Windows XP SP3/ Windows Vista SP2/Windows 7. Picture Motion Browser software not supported by Mac OS.
10. Smooth Slow Record captures 3 seconds of video which play back over 12 seconds.
12. One Touch Disc Burn feature requires DVDirect burner or compatible PC with supplied PBM software (sold separately).
13. Requires USB 2.0 connection via VMC-UAM1 cable (sold separately). AC power for camcorder, and hard drive formatted in FAT-32. Connection via USB-hub not supported. External HHD/USB media should be less than 2TB(Terabytes).
20. When using movie mode Memory Stick PRO Duo with MARK2 (M2) logo, Memory Stick PRO-HG™, SD/SDHC media (Class 4 or higher) are recommended.

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